



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/building](http://www.miamidade.gov/building)

SIW Solutions, LLC  
975 S. Congress Avenue #102  
Delray Beach, FL 33445

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.-

### DESCRIPTION: Series "100 StormSafe" Aluminum Single Hung Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **W07-07**, titled "S-100 StormSafe Alum Single Hung Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 01/29/07, with revision **F** dated 12/05/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. **17-0731.06** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*MP*  
3/8/19

NOA No. 19-0131.03  
Expiration Date: May 10, 2022  
Approval Date: March 14, 2019  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 07-0214.05)*
2. Drawing No. **W07-07**, titled "S-100 StormSafe Alum Single Hung Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 01/29/07, with revision **E** dated 07/19/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of a series 100 aluminum single hung window, prepared by Hurricane Engineering and Testing, Inc., Test Reports No. **HETI-06-4040, 4041, 4042, 4043, 4044, 4045A, 4045B, 4046, 4047, 4047A, 4047B, 4050 and 2122**, dated 09/21/06, signed and sealed by Rafael E. Dorz-Seda, P.E.  
*(Submitted under NOA No. 07-0214.05)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 05/27/15 and revised on 12/10/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under previous NOA No. 15-0528.18)*
2. Glazing complies with **ASTM E1300-09**.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 09/07/17, expiring on 05/21/21.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 19-0131.03

Expiration Date: May 10, 2022  
Approval Date: March 14, 2019

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance to **FBC 5<sup>th</sup> Edition (2014)** and **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated 07/20/17, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under NOA No. 17-0731.06)*

**G. OTHERS**

1. Notice of Acceptance No. **16-1129.06**, issued to SIW Impact Windows, LLC for their Series "1000 StormSafe" Aluminum Single Hung Window - L.M.I., approved on 01/12/17 and expiring on 05/10/22.

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **W07-07**, titled "S-100 StormSafe Alum Single Hung Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 01/29/07, with revision **F** dated 12/05/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. None

**C. CALCULATIONS**

1. None

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 09/07/17, expiring on 05/21/21.

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 19-0131.03

Expiration Date: May 10, 2022

Approval Date: March 14, 2019

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated January 9, 2019, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Asset purchase agreement dated December 28, 2018, signed by Mr. Abdiel Lopez and Mr. Steven G. Tourek.
3. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA, dated December 28, 2018, signed by Mr. Abdiel Lopez, Manager

**G. OTHERS**

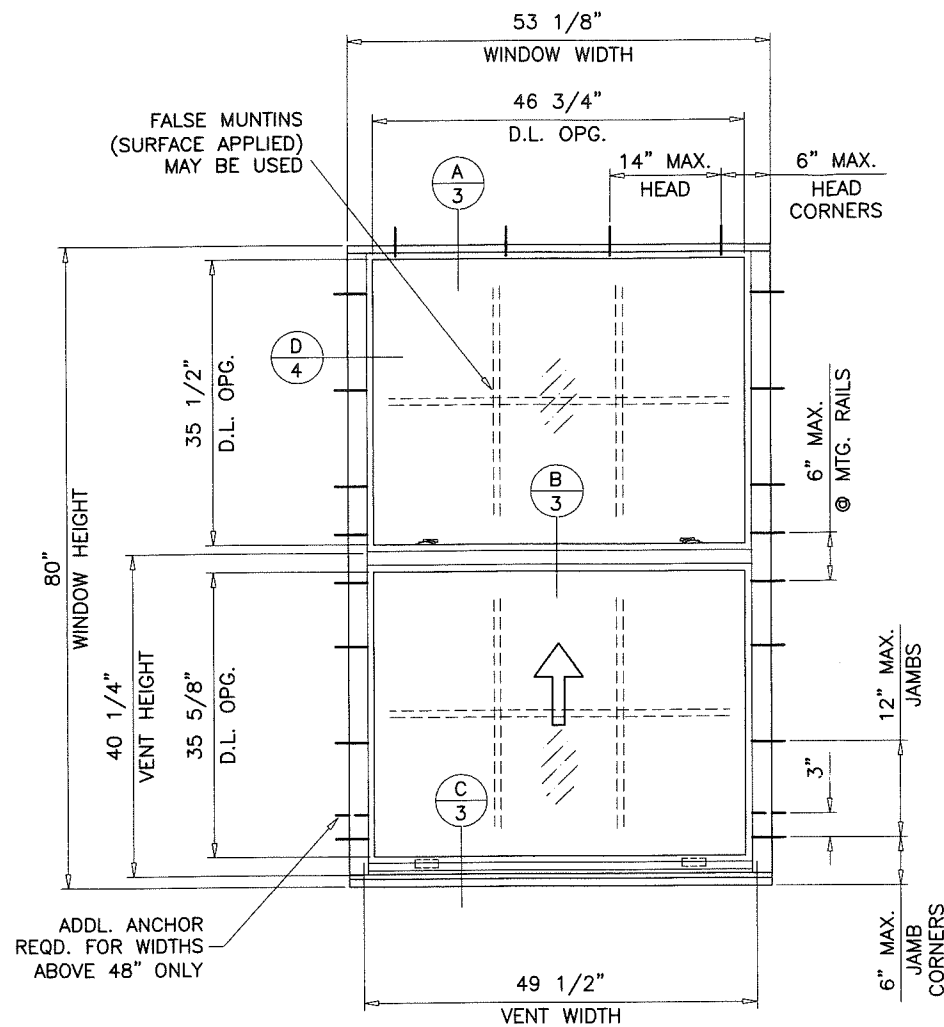
1. Notice of Acceptance No. **17-0731.06**, issued to SIW Impact Windows, LLC for their Series "1000 StormSafe" Aluminum Single Hung Window - L.M.I., approved on 10/05/17 and expiring on 05/10/22.

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 19-0131.03

Expiration Date: May 10, 2022

Approval Date: March 14, 2019



## SERIES 100 STORMSAFE ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 1 & 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

EQUAL LITES

TYPICAL ELEVATION  
TESTED UNIT

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

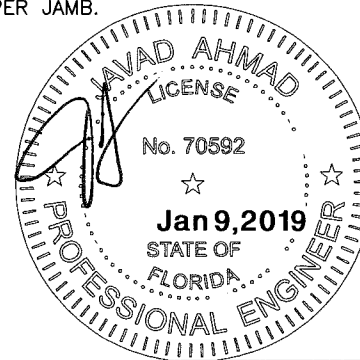
NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

EQUAL LITES WINDOWS											
DESIGN LOAD CAPACITY - PSF											
FLANGE DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'		GLASS TYPE 'E'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26" (4)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
19-1/8"	38-3/8" (4)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
19-1/8"	50-5/8" (6)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
19-1/8"	63" (6)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
19-1/8"	74-1/4" (8)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
19-1/8"	78" (8)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0

SHOWN EXT.(+) LOADS REQUIRE ADD-ON SILL RAMP  
REDUCE EXT.(+) LOADS CAPACITY TO +70.0 PSF WITHOUT RAMP.

\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 19-0131-03  
Expiration Date 12-31-2022  
By *Manuel Jerez*  
Miami Dade Product Control



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
C.A.N. 3538

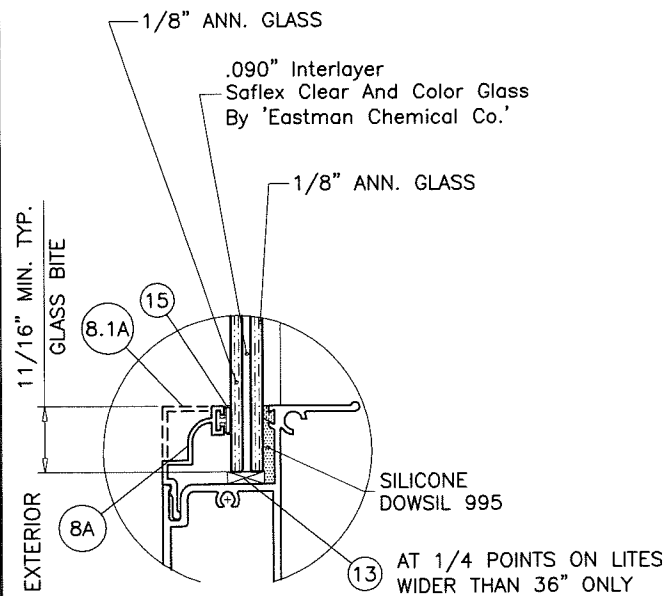
**SIW Solutions, LLC.**  
975 S. CONGRESS AVE. #102  
DELRAY BEACH, FL. 33445  
TEL. (561) 274-9392 FAX. (561) 274-9262

no	date	description
C	05.20.15	UPDATED TO 2014 FBC
D	12.04.15	REV. PER RER COMMENTS
E	07.19.17	UPDATED TO 2017 FBC
F	12.05.18	COMPANY NAME REV.

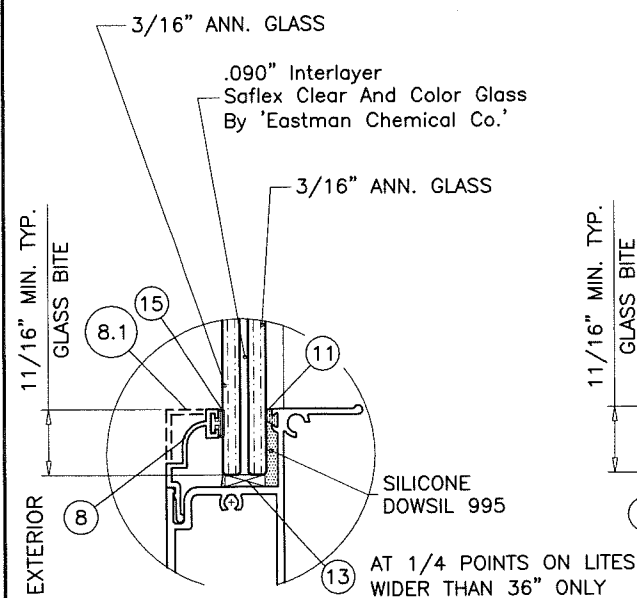
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chk. by:

drawing no.  
**W07-07**  
sheet 1 of 5

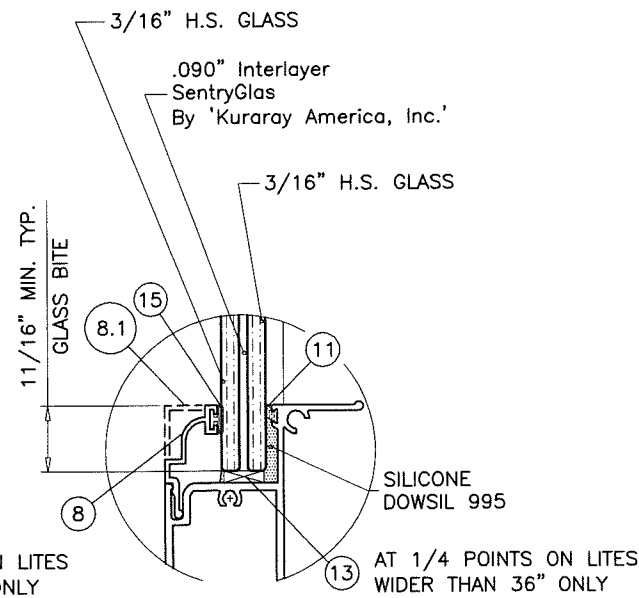
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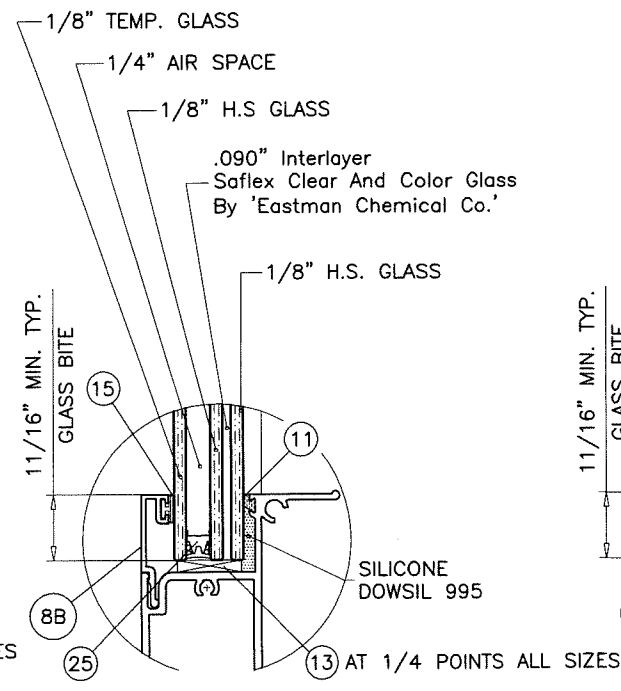
GLASS TYPE 'A'



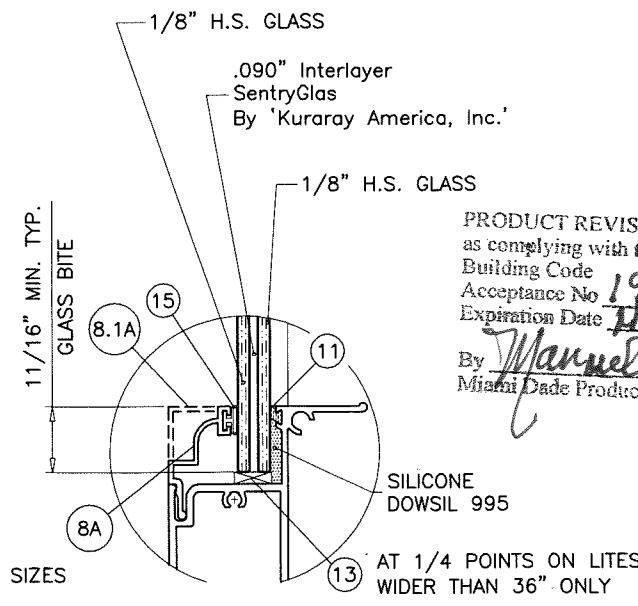
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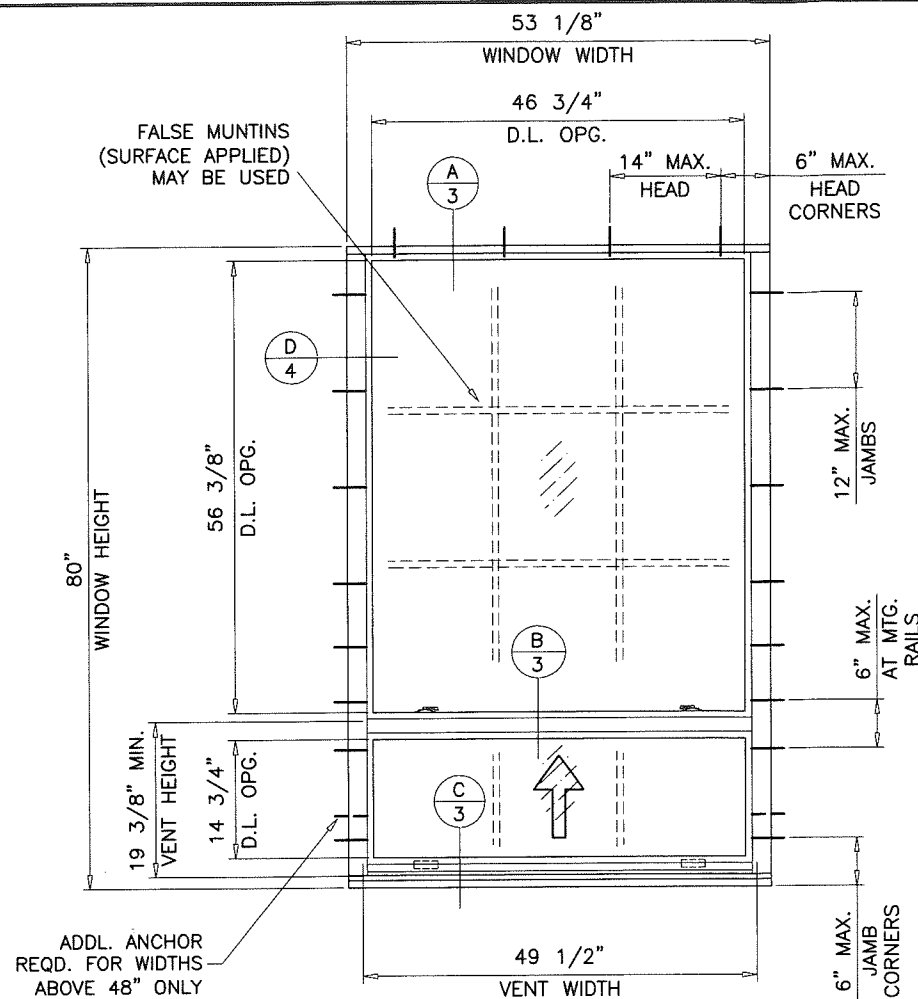
GLASS TYPE 'C'



GLASS TYPE 'D'



GLASS TYPE 'E'



UNEQUAL LITES (ORIEL TYPE)

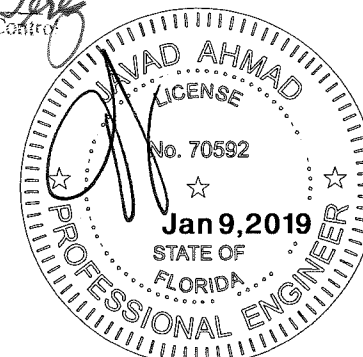
TYPICAL ELEVATION  
TESTED UNIT

UNEQUAL LITES WINDOWS											
DESIGN LOAD CAPACITY - PSF											
FLANGE DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'		GLASS TYPE 'E'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	50-5/8" (5)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
19-1/8"	63" (6)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
48"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
53-1/8"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
19-1/8"	74-1/4" (8)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
37"		-	-	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
42"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
48"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
53-1/8"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
19-1/8"	78" (8)	70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	120.0	70.0	70.0	80.0	120.0
32"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
37"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
42"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
48"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-
53-1/8"		-	-	60.0	60.0	80.0	120.0	70.0	70.0	-	-

SHOWN EXT.(+) LOADS REQUIRE ADD-ON SILL RAMP  
REDUCE EXT.(+) LOADS CAPACITY TO +70.0 PSF WITHOUT RAMP.

\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 19-0131.03  
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By *Manuel Perez*  
Miami Dade Product Control



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
(C.A.N. 3538)

S-100 STORMSAFE ALUM SINGLE HUNG WDW. (L.M.I.)

**SIW Solutions, LLC.**  
975 S. CONGRESS AVE. #102  
DELRAY BEACH, FL. 33445  
TEL. (561) 274-9392 FAX. (561) 274-9262

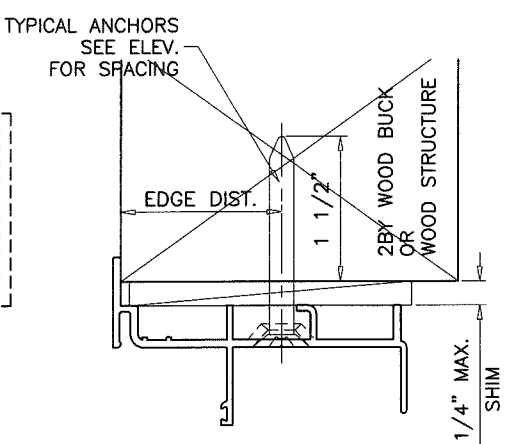
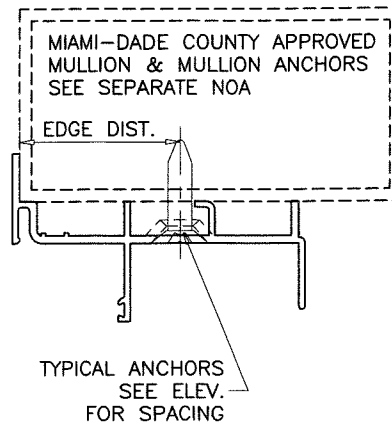
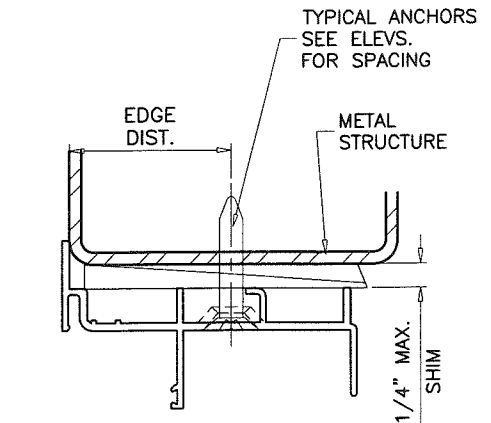
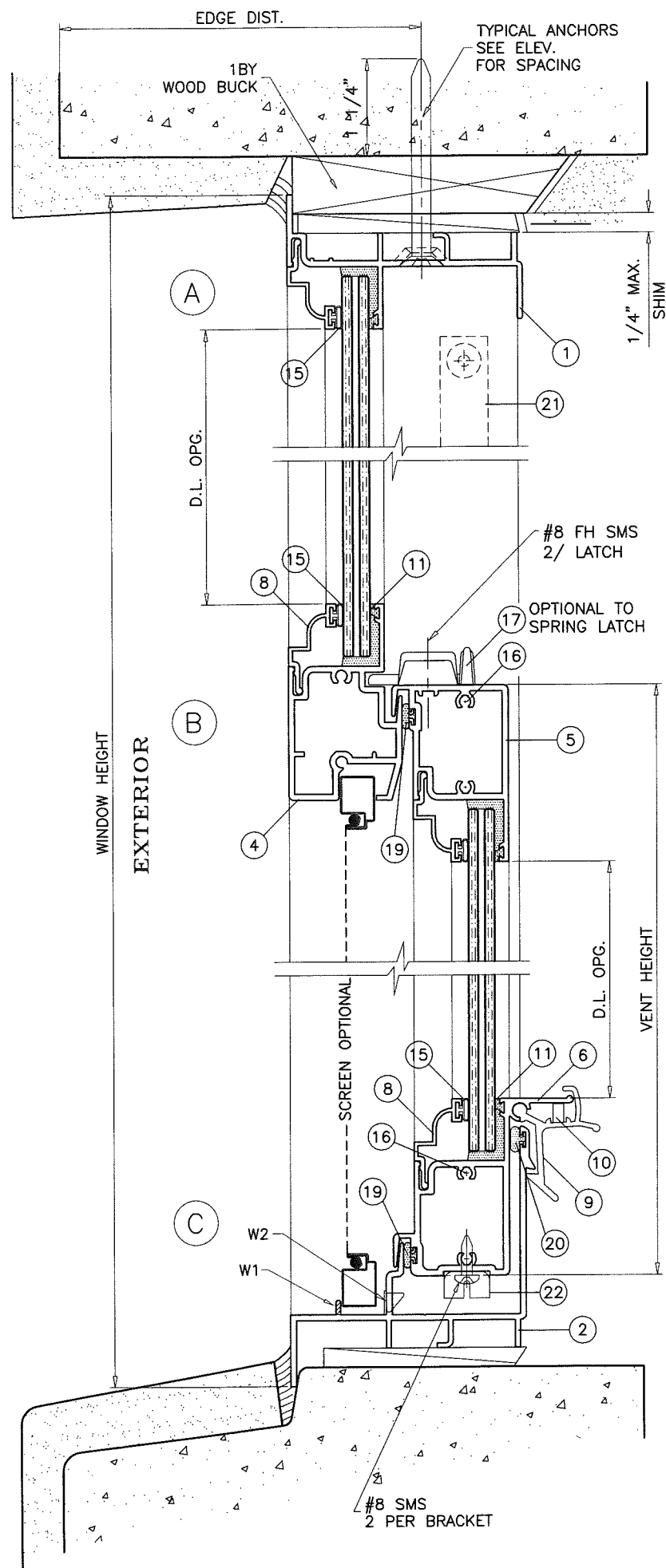
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dr: TARIQ  
chk. by:

drawing no.  
**W07-07**

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WOOD BUCKS AND METAL STRUCTURE NOT BY 'SIW SOLUTIONS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

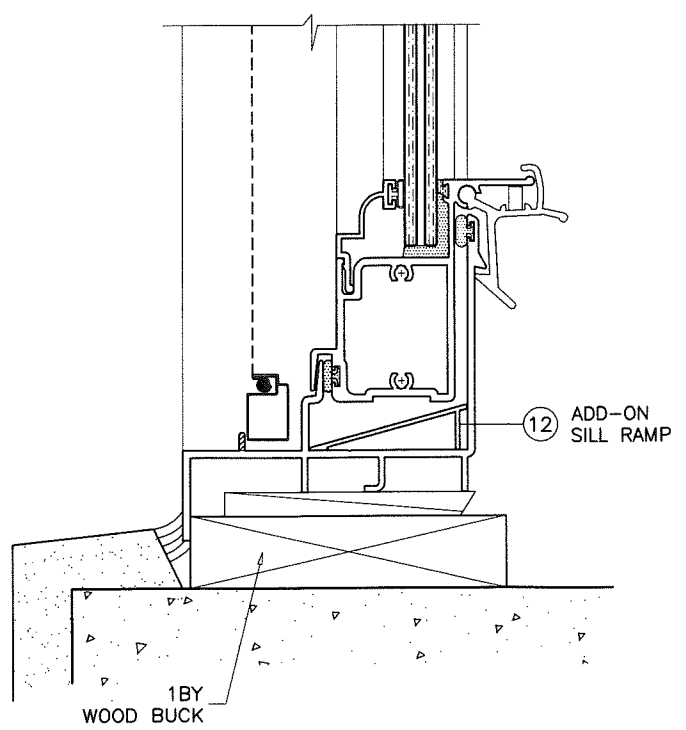
**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE OR ACRYLIC SEALANT.

**WEEPHOLES:**

W1 = 1/2" LONG NOTCH AT EACH END AT 3" FROM EACH END

W2 = 1/4" WEEP HOLE WITH PLASTIC BAFFLE AT 8-1/4" FROM EACH END AND AT CENTER



**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS) THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS) DIRECTLY INTO CONCRETE OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO METAL STRUCTURES (HEAD/JAMBS) (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (NO SHIM SPACE) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (NO SHIM SPACE) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

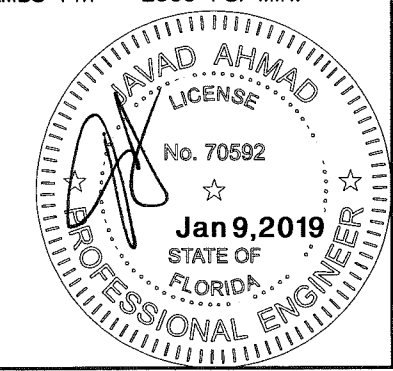
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

PRODUCT REVISED as complying with the Florida Building Code

Acceptance No. 19-0131-03

Expiration Date May 10, 2021

By *Manuel Perez* Miami Dade Product Control



**AL-FAROOQ CORPORATION**  
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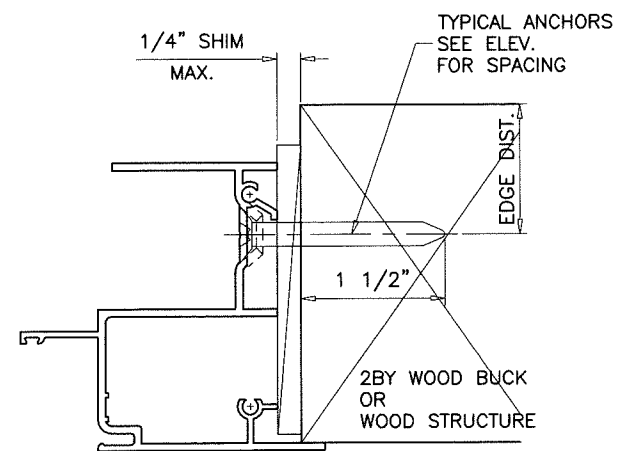
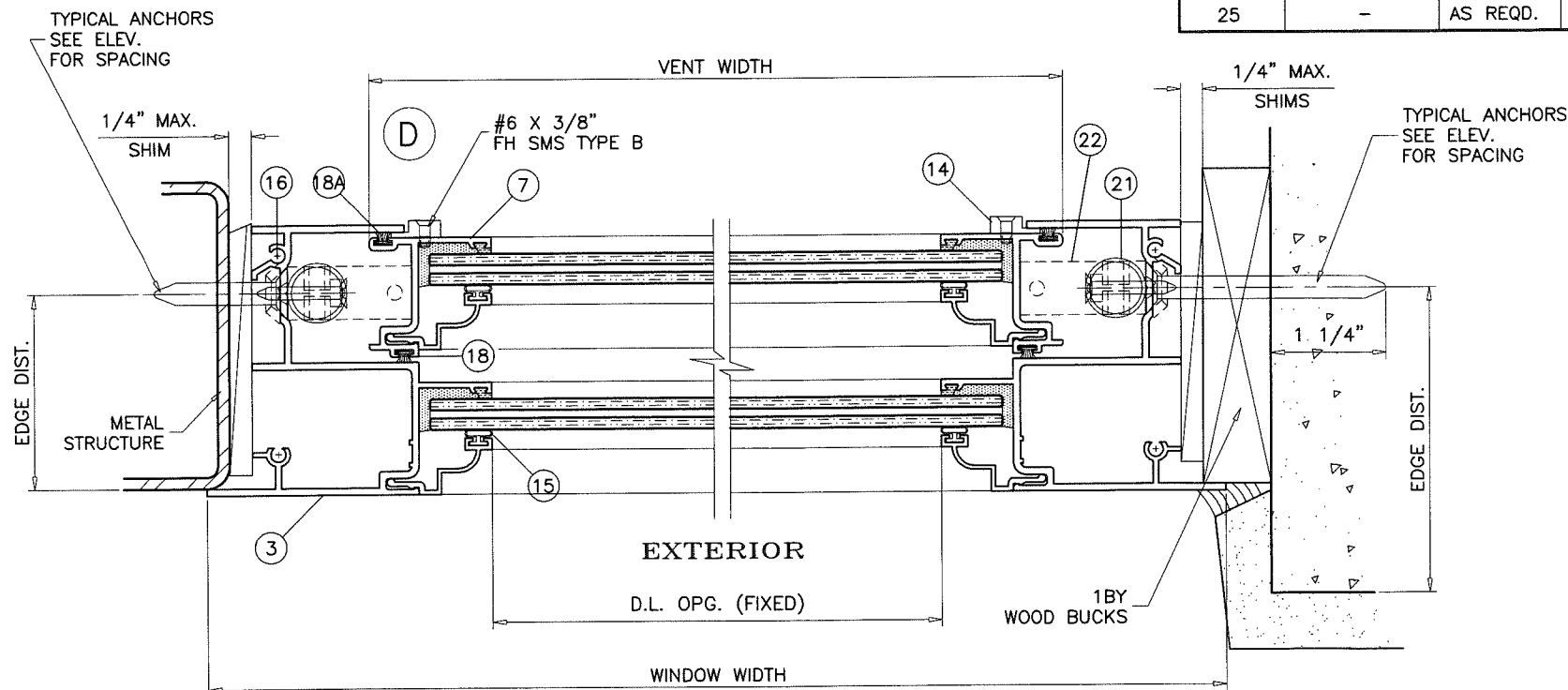
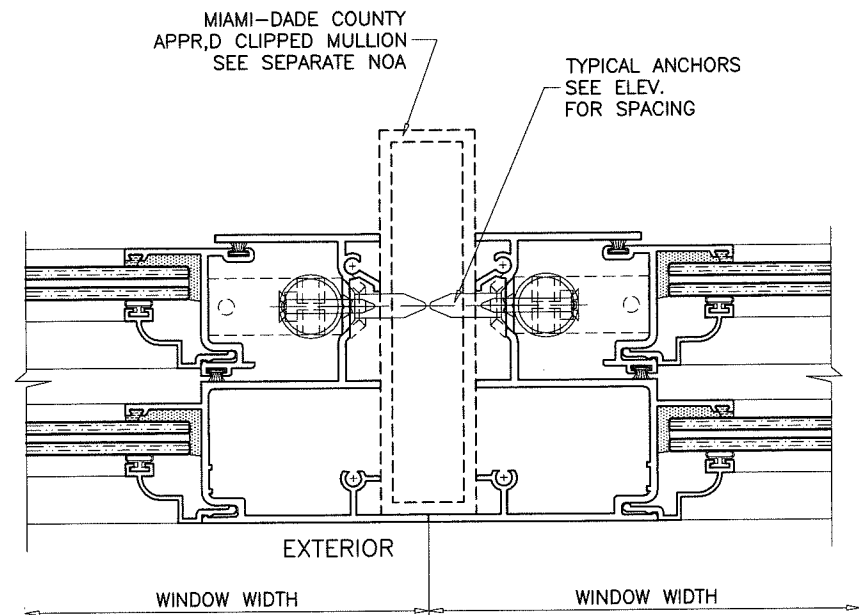
  

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chk. by:	

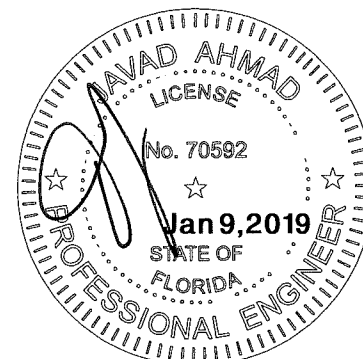
drawing no.	W07-07
sheet 3 of	5

COMP-ANL\W07-07SIW



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SIW101	1	FRAME HEAD	6063-T6	-
2	SIW102	1	FRAME SILL	6063-T6	-
3	SIW103	2	FRAME JAMB	6063-T6	-
4	SIW104	1	FIXED MTG. RAIL	6063-T6	-
5	SIW105	1	VENT TOP RAIL	6063-T6	-
6	SIW106	1	VENT BOTTOM RAIL	6063-T6	-
7	SIW107	2	VENT SIDE RAIL	6063-T6	-
8	SIW108	AS RQD.	GLAZING BEAD (7/16" GLASS)	6063-T6	-
8.1	SIW127	AS RQD.	ALT. GLAZING BEAD (7/16" GLASS)	6063-T6	-
8A	SIW112	AS RQD.	GLAZING BEAD (3/8" GLASS)	6063-T6	-
8.1A	SIW128	AS RQD.	ALT. GLAZING BEAD (3/8" GLASS)	6063-T6	-
8B	SIW117	AS RQD.	GLAZING BEAD (LAM. INSUL. GLASS)	6063-T6	-
9	SIW109	2/VENT	VENT LATCH @ 9-3/4" FROM ENDS	6063-T6	-
10	-	1/LATCH	LATCH SPRING	ST. STEEL	-
11	SIW113	AS REQD.	GLAZING LEG SPACER	SANTOPRENE	-
12	SIW124	1	SILL RAMP	6063-T5	-
13	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
14	-	4/ VENT	VENT GUIDE	NYLON	-
15	E20218KN4020	AS REQD.	GLAZING BULB VINYL	NEOPRENE	ULTRAFAB
16	#10 X 1-1/2"	20	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
17	-	2/VENT	SWEEP LATCH (OPTIONAL)	ZAMAK	BUILDERS HARDWARE
18	W23201NG0000	AS REQD.	VENT W'STRIPPING @ EXTERIOR (.187"W X .200"H)	-	ULTRAFAB OR EQUIV.
18A	W33321NG0000	AS REQD.	VENT W'STRIPPING @ INTERIOR (.187"W X .320"H)	-	ULTRAFAB OR EQUIV.
19	CIB301NW	AS REQD.	BULB W'STRIPPING @ VENT HORIZ. (.187"W X .300"H)	-	CENTRAL PLASTICS
20	938BL	AS REQD.	FRAME SILL W'STRIPPING (.18"W X .325"H)	POLYPROPYLENE	CENTRAL PLASTICS
21	-	2/VENT	SPIRAL BALANCE	-	UNIQUE BALANCE
22	-	1/ BAL.	ULTRALIFT BRACKET	STEEL	-
23	-	2	SASH STOP	-	NOT SHOWN
24	-	1	7/16" BOX SCREEN	-	OPTIONAL
25	-	AS REQD.	INSULATED GLASS EDGE SPACER	ST. STEEL	CARDINAL XL

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Expiration Date 12/10/2022  
By *Manuel Perez*  
Miami Dade Product Control



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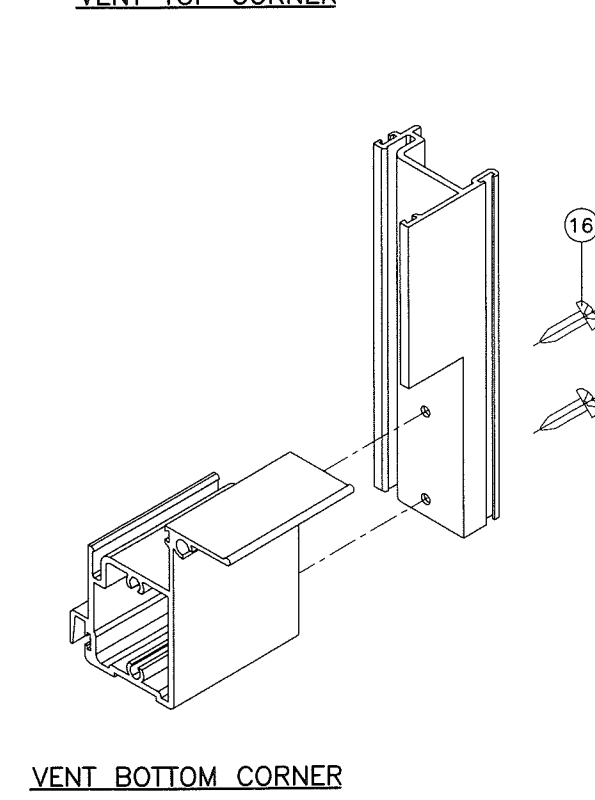
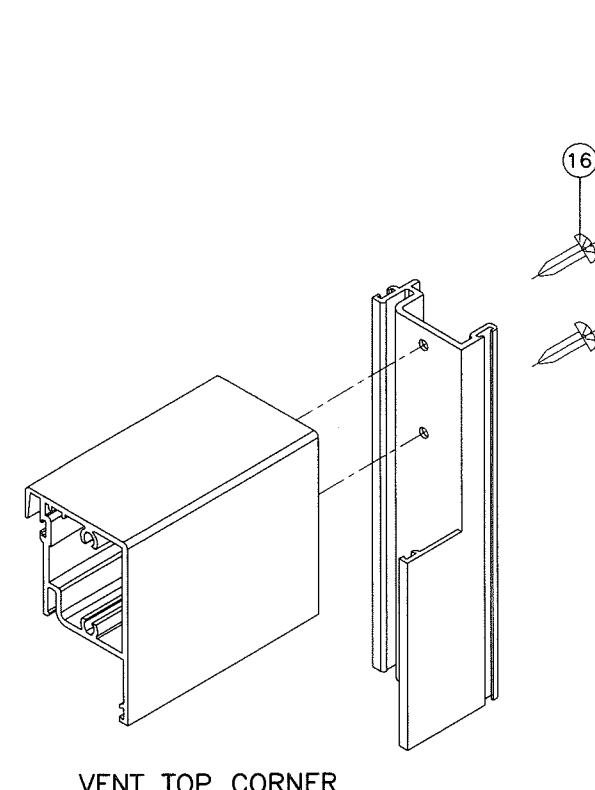
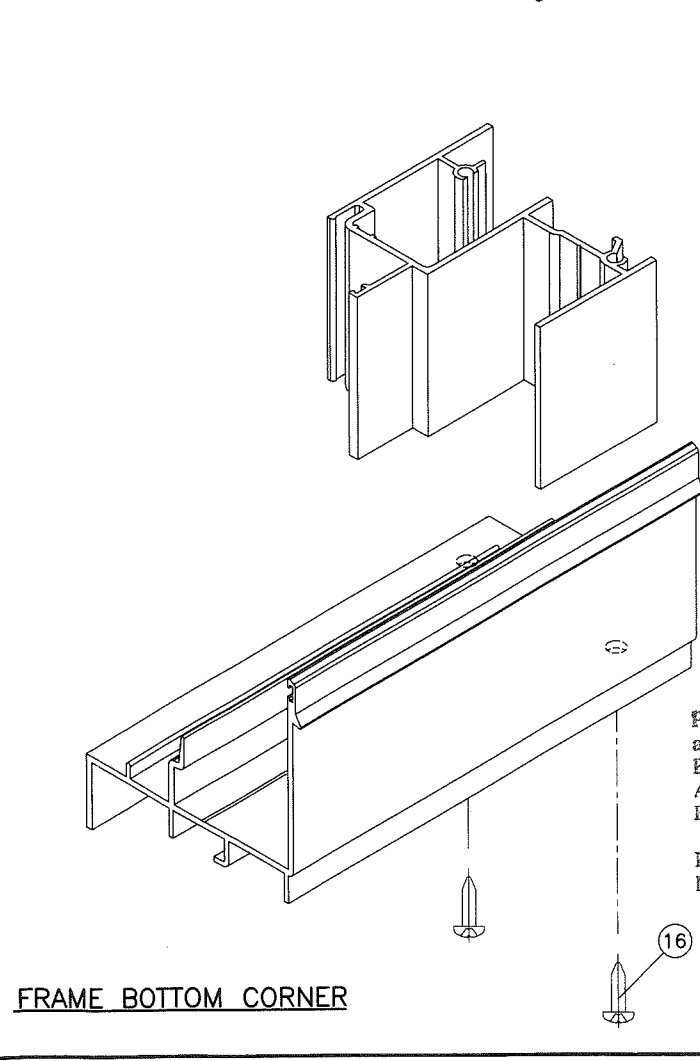
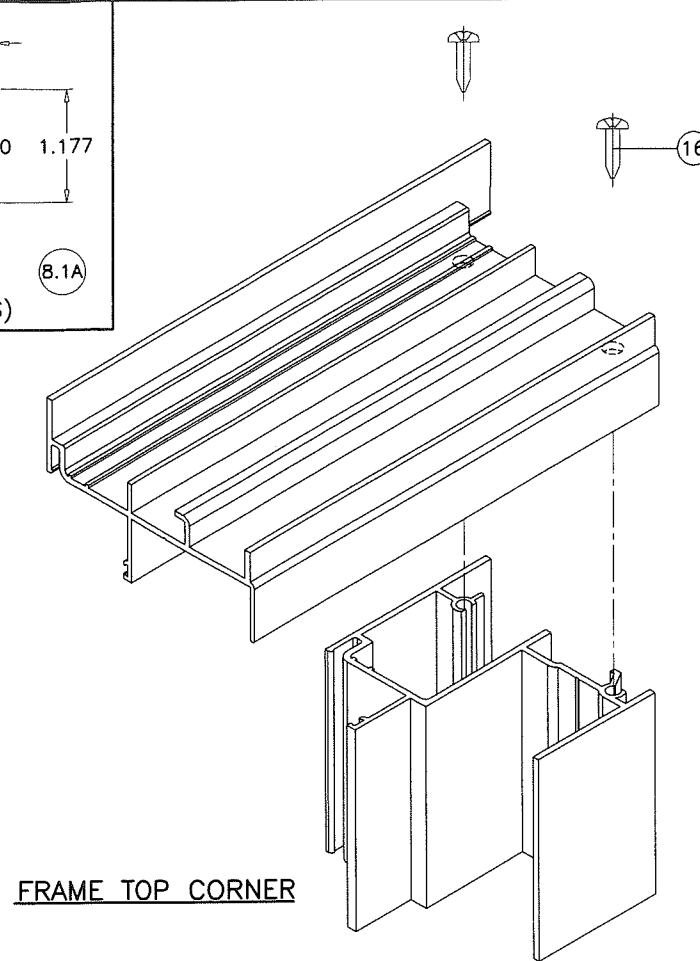
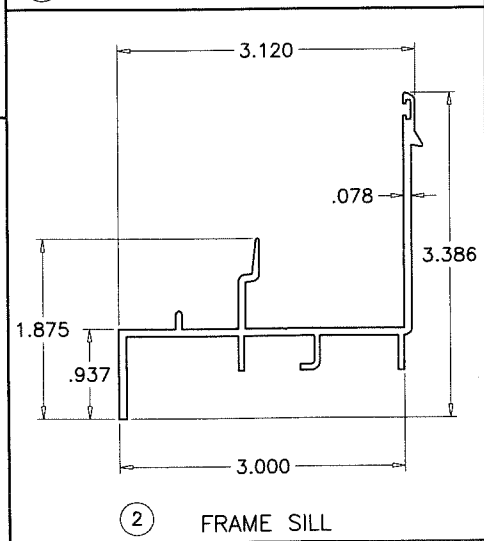
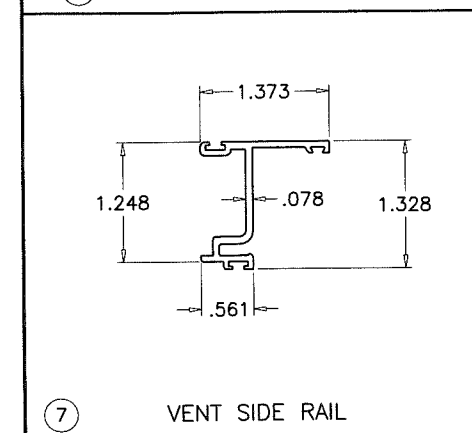
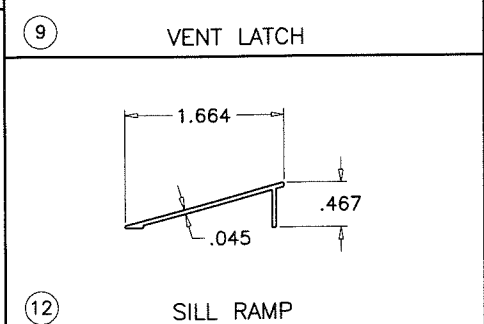
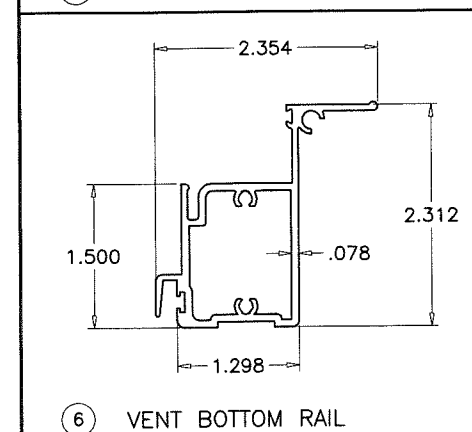
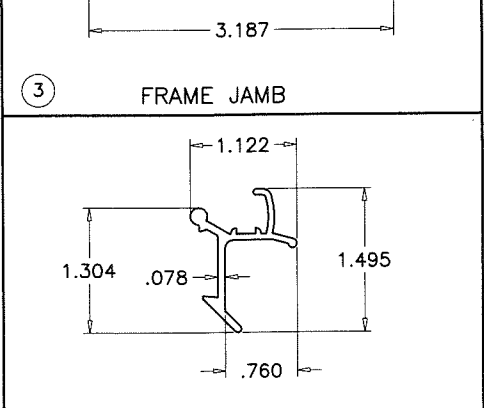
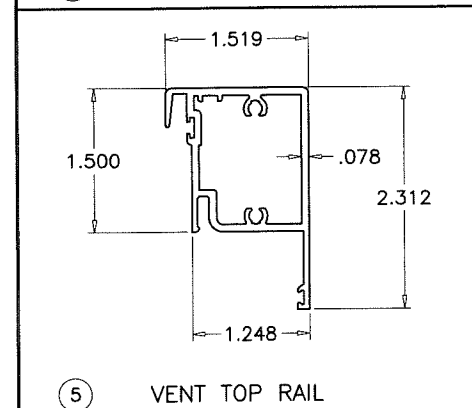
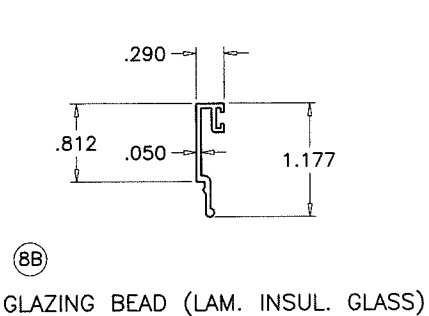
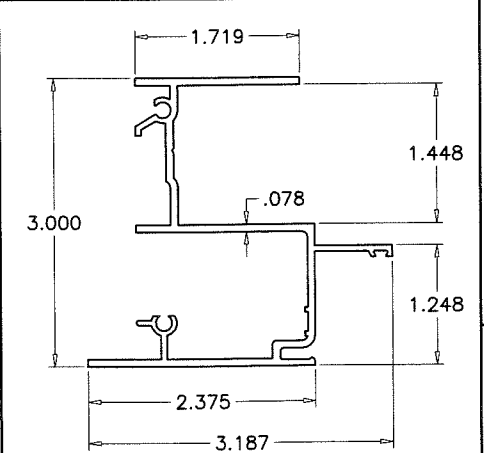
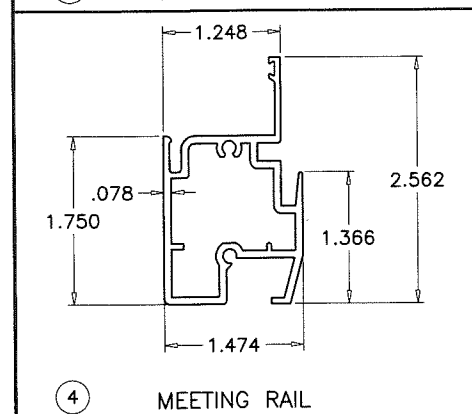
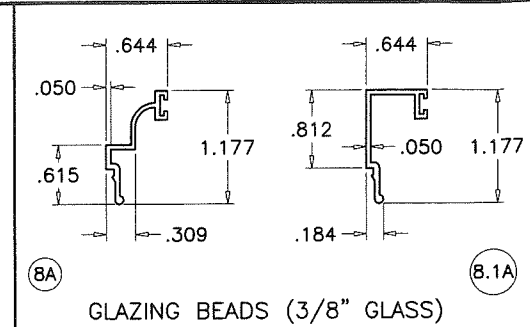
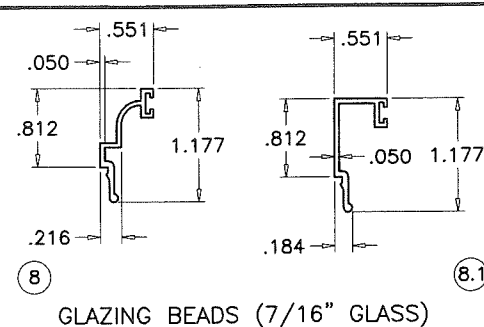
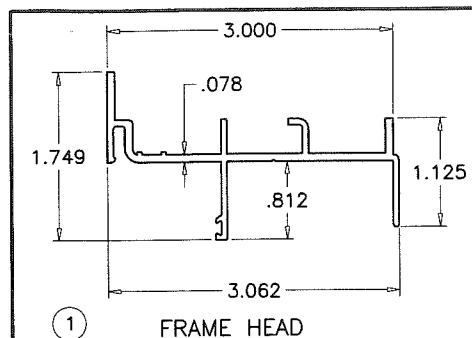
  

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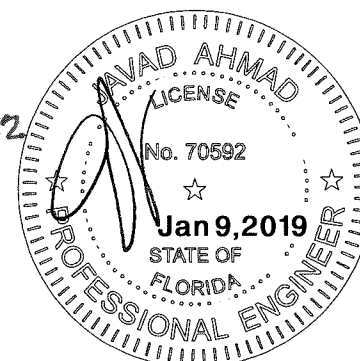
  

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sheet 4 of	5





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